

## CLAIMS

1. An installation (2) comprising a machine (4) for the production of tablets, where the machine has at least one enclosure (6, 8, 10), characterised in that the installation includes means (10, 12, 16, 14) for injecting a gas into the enclosure and to distribute it throughout the enclosure.

2. An installation according to claim 1, characterised in that said means are arranged to control the temperature of the gas.

3. An installation according to any of the preceding claims, characterised in that said means are arranged to control the temperature of the gas at a predetermined location (80) upstream of the enclosure (6) in order to ensure that the temperature of the gas in the enclosure (6) reaches a predetermined value.

4. An installation according to any of the preceding claims, characterised in that said means are arranged to control the temperature of the gas at a predetermined location (80) upstream of the enclosure, in order to ensure that the temperature reaches a predetermined value.

5. An installation according to any of the preceding claims, characterised in that said means are arranged to cool the gas.

6. An installation according to any of the preceding claims, characterised in that said means are arranged to heat the gas.

7. An installation according to any of the preceding claims, characterised in that said means are arranged to control the relative humidity of the gas.

5 8. An installation according to any of the preceding claims, characterised in that said means include at least one particle filter (30, 32).

10 9. An installation according to any of the preceding claims, characterised in that said means include at least one fan (10, 14), placed upstream or downstream of the enclosure (6, 8, 10) for example.

15 10. An installation according to any of the preceding claims, characterised in that the enclosure (6) includes devices (39) for shaping of the tablets.

20 11. An installation according to any of the preceding claims, characterised in that the enclosure (8) includes a motor.

25 12. An installation according to any of the preceding claims, characterised in that the enclosure (10) includes an electronic device.

13. An installation according to any of the preceding claims, characterised in that the enclosures (6, 8, 10) are at least two in number, and the machine includes means for injecting a gas into each enclosure and to distribute it.

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14. An installation according to the preceding claim, characterised in that it includes gas conduits (16) arranged to supply the enclosures (6, 8, 10) with gas using a parallel

arrangement.

15. An installation according to either of claims 13 or 14, characterised in that the means are partly common to the  
5 enclosures (6, 8, 10).

16. An installation according to any of the preceding claims, characterised in that said means include at least one gas conduit (16) connected so that it can be removed from the  
10 enclosure (6, 8, 10).

17. An installation according to any of the preceding claims, characterised in that it includes at least one stopper (36a-c, 70) to interrupt the flow of gas between the enclosure  
15 and the remainder of the installation.

18. An installation according to any of the preceding claims, characterised in that said means are arranged to control the flow of gas associated with the enclosure by  
20 allowing the choice of one flow from various non-zero flow values.

19. An installation according to any of the preceding claims, characterised in that said means include a diffusion  
25 box (40, 50, 62) placed in the enclosure (6, 8, 10) and having at least two openings (42) for entry of the gas into the enclosure.

20. An installation according to the preceding claim,  
30 characterised in that the openings (42) are located on different faces of the diffusion box (40, 50, 62).

21. An installation according to any of the preceding

claims, characterised in that the tablets include a substance for therapeutic or cosmetic use.

22. An installation according to any of the preceding  
5 claims, characterised in that the tablets include Ibuprofen.

23. A method for the production of tablets,  
characterised in that a gas is fed into an enclosure (6, 8,  
10) that forms part of a machine (2) for the production of  
10 tablets, and distributed throughout the enclosure.

24. A method according to the preceding claim,  
characterised in that the temperature of the gas is  
controlled.

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25. A method according to any of claims 23 to 24,  
characterised in that the temperature of the gas is controlled  
at a predetermined location (80) upstream of the enclosure, in  
order to ensure that the temperature of the gas in the  
20 enclosure reaches a predetermined value.

26. A method according to any of claims 23 to 25,  
characterised in that the temperature of the gas is controlled  
at a predetermined location (80) upstream of the enclosure so  
25 that the temperature reaches a predetermined value.